OTP E TRADELARE

1

SEQUENCE LISTING

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<110> Reiter, Yoram
<120> SINGLE CHAIN CLASS I MAJOR HISTO-COMPATIBILITY COMPLEXES,
       CONSTRUCTS ENCODING SAME AND METHODS OF GENERATING SAME
<130> 02/23338
<150> US 10/075,257
<151> 2002-02-15
<160> 20
<170> PatentIn version 3.2
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tcaaatttcc tgaattgcta tgtgtctggg tttcatccat ccgacattga agttgactta
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ctgaagaatg gagagagaat tgaaaaagtg gagcattcag acttgtcttt cagcaaggac
                                                                    180
tggtctttct atctcttgta ttatactgag ttcaccccca ctgaaaaaga tgagtatgcc
                                                                    240
                                                                    300
tgccgtgtga accacgtgac tttgtcacag cccaagatag ttaagtggga tcgagacatg
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qqtqqcqqtq qaaqcqgcgg tggaggctct ggtggaggtg gcagcggctc tcactccatg 360 aggtatttct tcacatccgt gtcccggccc ggccgcgggg agccccgctt catcgcagtg 420 ggctacgtgg acgacacgca gttcgtgcgg ttcgacagcg acgccgcgag ccagaggatg gagecgeggg egeegtggat agageaggag ggteeggagt attgggaegg ggagaeaegg 540 aaagtgaagg cccactcaca gactcaccga gtggacctgg ggaccctgcg cggctactac 600 aaccagagcg aggccggttc tcacaccgtc cagaggatgt atggctgcga cgtggggtcg gactggcgct tcctccgcgg gtaccaccag tacgcctacg acggcaagga ttacatcgcc 720 ctgaaagagg acctgcgctc ttggaccgcg gcggacatgg cagctcagac caccaagcac 780 aagtgggagg cggcccatgt ggcggagcag ttgagagcct acctggaggg cacgtgcgtg 840 gagtggctcc gcagatacct ggagaacggg aaggagacgc tgcagcgcac ggacgccccc 900 960 aaaacgcaca tgactcacca cgctgtctct gaccatgaag ccaccctgag gtgctgggcc 1020 ctgagcttct accctgcgga gatcacactg acctggcagc ggacttggag gaatctttga 1048 ggcaatgaag atggagctgc gggactga

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Glu Asn Gly Lys Ser Asn Phe Leu Asn Cys Tyr Val Ser Gly Phe His

Pro Ser Asp Ile Glu Val Asp Leu Leu Lys Asn Gly Glu Arg Ile Glu 35 40 45

Lys Val Glu His Ser Asp Leu Ser Phe Ser Lys Asp Trp Ser Phe Tyr 50 55 60

Leu Leu Tyr Tyr Thr Glu Phe Thr Pro Thr Glu Lys Asp Glu Tyr Ala 65 70 75 80

Cys Arg Val Asn His Val Thr Leu Ser Gln Pro Lys Ile Val Lys Trp 85 90 95

Asp Arg Asp Met Gly Gly Gly Gly Ser Gly Gly Gly Gly Gly Gly Gly 100 105 110

Gly Gly Ser Gly Ser His Ser Met Arg Tyr Phe Phe Thr Ser Val Ser

Arg Pro Gly Arg Gly Glu Pro Arg Phe Ile Ala Val Gly Tyr Val Asp 130 135 140 Asp Thr Gln Phe Val Arg Phe Asp Ser Asp Ala Ala Ser Gln Arg Met 145 150 155 160

Glu Pro Arg Ala Pro Trp Ile Glu Glu Glu Gly Pro Glu Tyr Trp Asp 165 170 175

Gly Glu Thr Arg Lys Val Lys Ala His Ser Gln Thr His Arg Val Asp 180 185 190

Leu Gly Thr Leu Arg Gly Tyr Tyr Asn Gln Ser Glu Ala Gly Ser His 195 200 205

Thr Val Gln Arg Met Tyr Gly Cys Asp Val Gly Ser Asp Trp Arg Phe 210 215 220

Leu Arg Gly Tyr His Gln Tyr Ala Tyr Asp Gly Lys Asp Tyr Ile Ala 225 230 235 240

Leu Lys Glu Asp Leu Arg Ser Trp Thr Ala Ala Asp Met Ala Ala Gln
245 250 255

Thr Thr Lys His Lys Trp Glu Ala Ala His Val Ala Glu Gln Leu Arg 260 265 270

Ala Tyr Leu Glu Gly Thr Cys Val Glu Trp Leu Arg Arg Tyr Leu Glu 275 280 285

Asn Gly Lys Glu Thr Leu Gln Arg Thr Asp Ala Pro Lys Thr His Met 290 295 300

Thr His His Ala Val Ser Asp His Glu Ala Thr Leu Arg Cys Trp Ala 305 310 315 320

Leu Ser Phe Tyr Pro Ala Glu Ile Thr Leu Thr Trp Gln Arg Asp Gly 325 330 335

Glu Asp Gln Thr Gln Asp Thr Glu Leu Val Glu Thr Arg Pro Ala Gly 340 345 350

Asp Gly Thr Phe Gln Lys Trp Ala Ala Val Val Val Pro Ser Gly Gln

Glu Gln Arg Tyr Thr Cys His Val Gln His Glu Gly Leu Pro Lys Pro 370 375 380

Leu Thr Leu Arg Trp Glu Gln Ser Thr Arg Gly Gly Ala Ser Gly Gly 385 390 395 400

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Phe Val Arg Phe Asp Ser Asp Ala Ala Ser Gln Arg Met Glu Pro Arg 35 40 45

Ala Pro Trp Ile Glu Gln Glu Gly Pro Glu Tyr Trp Asp Gly Glu Thr 50 55 60

Arg Lys Val Lys Ala His Ser Gln Thr His Arg Val Asp Leu Gly Thr 65 70 75 80

Leu Arg Gly Tyr Tyr Asn Gln Ser Glu Ala Gly Ser His Thr Val Gln 85 90 95

Arg Met Tyr Gly Cys Asp Val Gly Ser Asp Trp Arg Phe Leu Arg Gly
100 105 110

Tyr His Gln Tyr Ala Tyr Asp Gly Lys Asp Tyr Ile Ala Leu Lys Glu 115 120 125

Asp Leu Arg Ser Trp Thr Ala Ala Asp Met Ala Ala Gln Thr Thr Lys

His Lys Trp Glu Ala Ala His Val Ala Glu Gln Leu Arg Ala Tyr Leu 145 150 155 160

Glu Gly Thr Cys Val Glu Trp Leu Arg Arg Tyr Leu Glu Asn Gly Lys 165 170 175

Glu Thr Leu Gln Arg Thr Asp Ala Pro Lys Thr His Met Thr His His 180 185 190

Ala Val Ser Asp His Glu Ala Thr Leu Arg Cys Trp Ala Leu Ser Phe 195 200 205

Tyr Pro Ala Glu Ile Thr Leu Thr Trp Gln Arg Asp Gly Glu Asp Gln 210 215 220

Thr Gln Asp Thr Glu Leu Val Glu Thr Arg Pro Ala Gly Asp Gly Thr 225 230 235 240

Phe Gln Lys Trp Ala Ala Val Val Val Pro Ser Gly Gln Glu Gln Arg 245 250 255

Tyr Thr Cys His Val Gln His Glu Gly Leu Pro Lys Pro Leu Thr Leu 260 265 270

Arg Trp Glu Gln Ser Thr Arg Gly 275 280

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    Glu Asn Gly Lys Ser Asn Phe Leu Asn Cys Tyr Val Ser Gly Phe His
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    Pro Ser Asp Ile Glu Val Asp Leu Leu Lys Asn Gly Glu Arg Ile Glu
   Lys Val Glu His Ser Asp Leu Ser Phe Ser Lys Asp Trp Ser Phe Tyr
                           55
   Leu Leu Tyr Tyr Thr Glu Phe Thr Pro Thr Glu Lys Asp Glu Tyr Ala
   Cys Arg Val Asn His Val Thr Leu Ser Gln Pro Lys Ile Val Lys Trp
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  Asp Arg Asp Met
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<210> 10
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<223> linker peptide
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<223> Single strand DNA oligonucleotide
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<210> 13
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<212> DNA
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<223> BirA recognition tag sequence
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